



US008122248B2

(12) **United States Patent**
Risan et al.

(10) **Patent No.:** **US 8,122,248 B2**
(45) **Date of Patent:** **Feb. 21, 2012**

(54) **PREVENTING UNAUTHORIZED
DISTRIBUTION OF MEDIA CONTENT
WITHIN A GLOBAL NETWORK**

(75) Inventors: **Hank Risan**, Santa Cruz, CA (US);
Edward Vincent Fitzgerald, Santa
Cruz, CA (US)

(73) Assignee: **Music Public Broadcasting, Inc.**, Santa
Cruz, CA (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **12/479,699**

(22) Filed: **Jun. 5, 2009**

(65) **Prior Publication Data**

US 2009/0265549 A1 Oct. 22, 2009

Related U.S. Application Data

(62) Division of application No. 10/661,047, filed on Sep.
12, 2003, now Pat. No. 7,584,353.

(51) **Int. Cl.**
G06F 7/00 (2006.01)

(52) **U.S. Cl.** **713/164; 726/26; 726/29**

(58) **Field of Classification Search** **726/26,**
726/29; 713/164
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,668,996 A 9/1997 Radinsky
5,838,790 A 11/1998 McAuliffe et al.
6,398,245 B1 6/2002 Gruse et al.
7,032,228 B1 4/2006 McGillis et al.
7,774,850 B2 8/2010 Miles
2001/0056404 A1* 12/2001 Kuriya et al. 705/51

2002/0006204 A1 1/2002 England et al.
2002/0007456 A1* 1/2002 Peinado et al. 713/164
2002/0065849 A1 5/2002 Ferguson et al.
2002/0091925 A1* 7/2002 Suzuki et al. 713/168
2002/0108050 A1 8/2002 Raley et al.
2002/0114455 A1 8/2002 Asahi et al.
2003/0184793 A1 10/2003 Pineau
2003/0200439 A1 10/2003 Moskowitz
2004/0039905 A1* 2/2004 Leoutsarakos 713/153
2004/0052379 A1 3/2004 Nishimoto et al.
2005/0027986 A1* 2/2005 Thomas et al. 713/176
2005/0192815 A1 9/2005 Clyde

FOREIGN PATENT DOCUMENTS

EP 1207668 5/2002

OTHER PUBLICATIONS

“ISA/US”, *International Search Report and Written Opinion for*
International Application No. PCT/US2004/029820, (Dec. 27,
2007), 11 pages.
“Kernal”, *Microsoft Dictionary, 5th Ed. Microsoft Press:*
Redmond, Washington, 300, 2002.

* cited by examiner

Primary Examiner — Jason Gee

(57) **ABSTRACT**

One embodiment of the invention is a method for providing
media content while preventing its unauthorized distribution.
The method includes transmitting from a client to an admin-
istrative node a request for delivery of an instance of media
content (IMC); determining which content source (CS) of a
plurality of CSs to provide delivery of the IMC, provided the
client is authorized to receive the IMC; transmitting to the
client an access key and a location of the IMC; transmitting
from the client to the CS a second request and the access key;
in response to receiving the second request and the access key,
transferring the IMC from the CS to the client; transmitting
from the client to the administrative node an indicator indi-
cating a successful transfer of the IMC; and generating a
transaction applicable to the client and associated with the
transfer of the IMC to the client.

18 Claims, 24 Drawing Sheets

